

^{127}Cd $Z = 48$ $N = 79$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1056.246 (0.006) MeV

Qbeta- = 8.139 (0.012) MeV

	Energy T	J+	J-	J-other	T1/2
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127CD	1			0.000 (3/2+)	1 0.37 S 7

S-p = 15.360 (0.252)-----

S-n = 4.557 (0.007)-----

S-2p = 29.371 (0.375)-----

S-2n = 11.536 (0.007)-----

S-alpha= 10.736 (0.789)-----

S+p = -12.738 (0.006)

S+n = -6.568 (0.009)

S+2p = -26.427 (0.018)

S+2n = -10.524 (0.008)

S+alpha = -10.948 (0.007)

gap p = 2.622 (0.252)

gap n = -2.011 (0.011)

gap 2p = 2.944 (0.375)

gap 2n = 1.012 (0.011)

gap alpha = -0.212 (0.789)